FIG. 1

FIG. 2

FIG. 3

IDENTIFICATION CODE S1	MAXIMUM VALUE β	MINIMUM VALUE α	HUE DATA OF A VALUE ZERO
0	Ri	Gi	g,c
1	Ri	Bi	b,c
2	Gi	Ri	r,m
3	Gi	Bi	b,m
4	Bi	Ri	r,y
5	Bi	Gi	g,y

$*\ r=Ri-\alpha, g=Gi-\alpha, b=Bi-\alpha$

$y=\beta-Bi, m=\beta-Gi, c=\beta-Ri$

FIG. 4

| IDENTIFICATION CODE S1	Q1	Q2	P1	P2
0	r	b	m	y
1	r	g	y	m
2	g	b	c	y
3	g	r	y	c
4	b	g	c	m
5	b	r	m	c

FIG. 5
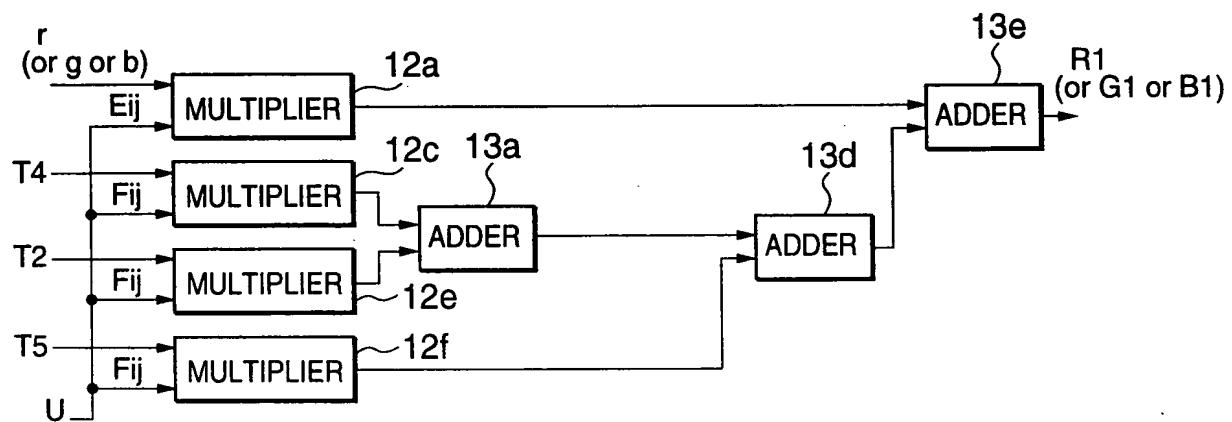
FIG. 6A
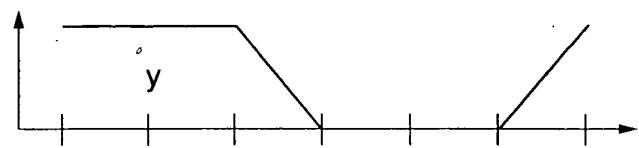
FIG. 6B
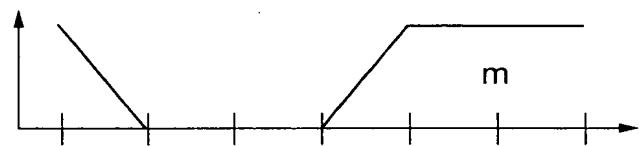
FIG. 6C
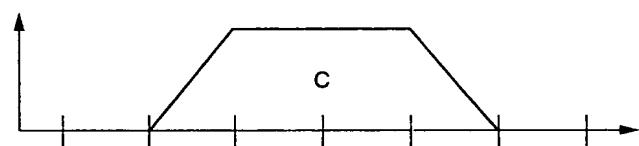
FIG. 6D
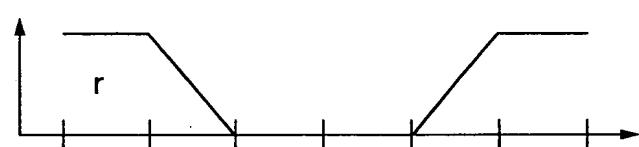
FIG. 6E
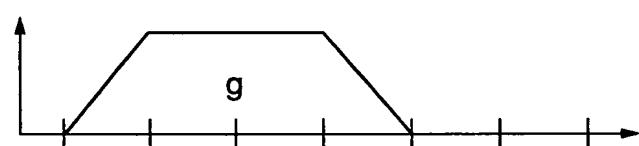
FIG. 6F
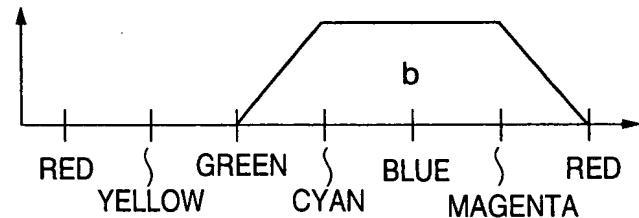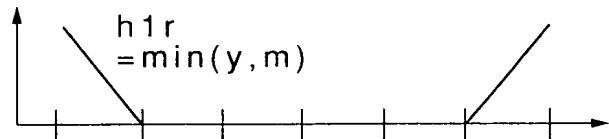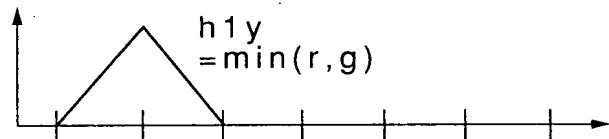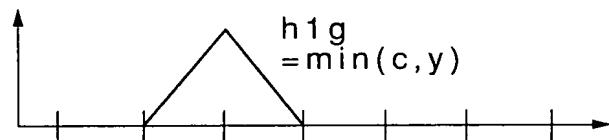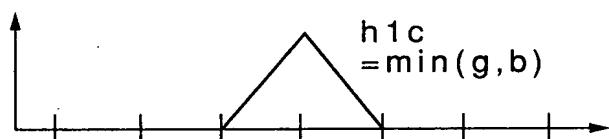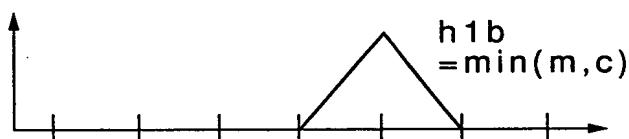
RED   YELLOW   GREEN   CYAN   BLUE   MAGENTA   RED

FIG. 7A

h1r
=min(y,m)

FIG. 7B

h1y
=min(r,g)

FIG. 7C

h1g
=min(c,y)

FIG. 7D

h1c
=min(g,b)

FIG. 7E

h1b
=min(m,c)

FIG. 7F

h1m
=min(b,r)

RED   GREEN   BLUE   RED
   YELLOW   CYAN   MAGENTA

FIG. 8A
h2ry
=min(h1y,h1r)

FIG. 8B
h2gy
=min(h1y,h1g)

FIG. 8C
h2gc
=min(h1c,h1g)

FIG. 8D
h2bc
=min(h1c,h1b)

FIG. 8E
h2bm
=min(h1m,h1b)

FIG. 8F
h2rm
=min(h1m,h1r)

RED   GREEN   BLUE   RED
   YELLOW   CYAN   MAGENTA

FIG. 9A

$a1$ $b1$
$h2ry$
$= \min(aq1 * h1y, ap1 * h1r)$

FIG. 9B

$a2$ $b2$
$h2gy$
$= \min(aq3 * h1y, ap3 * h1g)$

FIG. 9C

$a3$ $b3$
$h2gc$
$= \min(aq4 * h1c, ap4 * h1g)$

FIG. 9D

$a4$ $b4$
$h2bc$
$= \min(aq6 * h1c, ap6 * h1b)$

FIG. 9E

$a5$ $b5$
$h2bm$
$= \min(aq5 * h1m, ap5 * h1b)$

FIG. 9F

$a6$ $b6$
$h2rm$
$= \min(aq2 * h1m, ap2 * h1r)$

RED   GREEN   BLUE   RED
   YELLOW   CYAN   MAGENTA
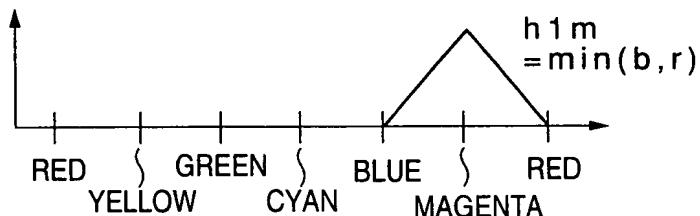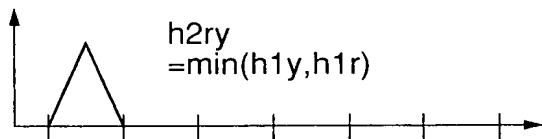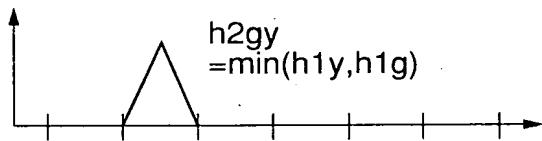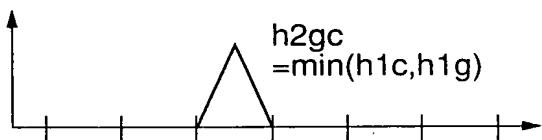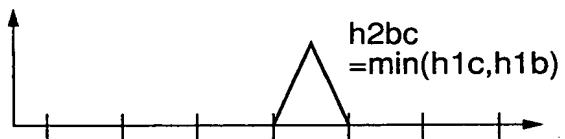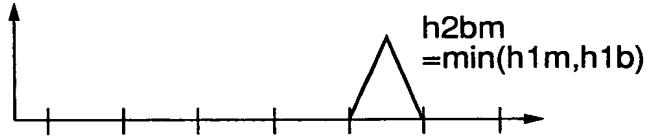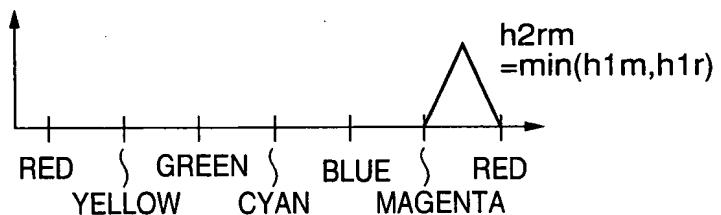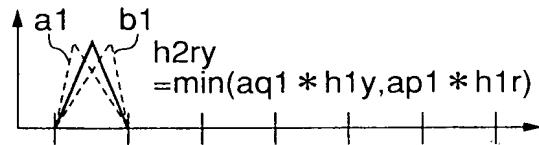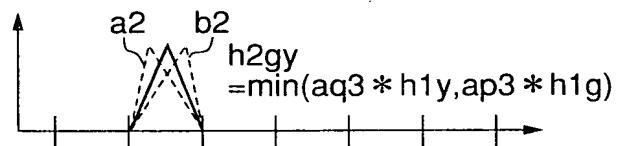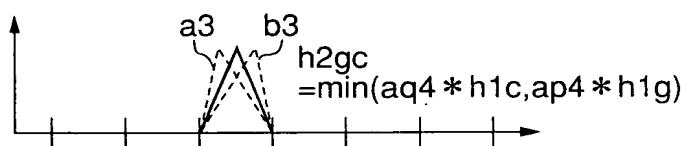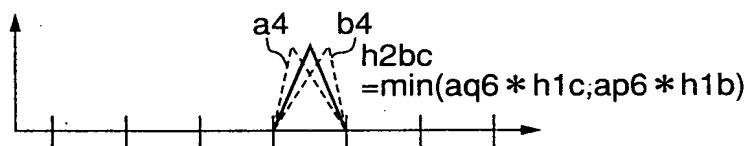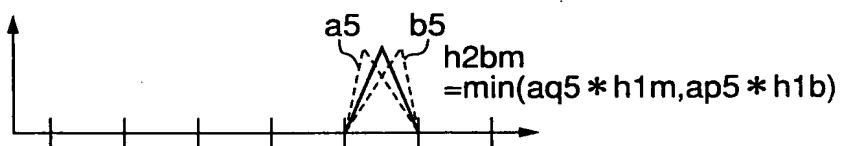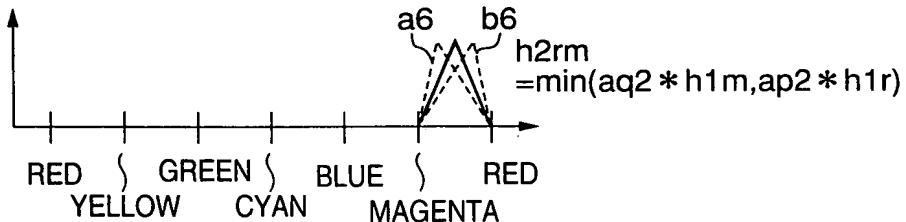
FIG. 10A

HUE	EFFECTIVE FIRST COMPARISON-RESULT DATA
RED	h1r
GREEN	h1g
BLUE	h1b
CYAN	h1c
MAGENTA	h1m
YELLOW	h1y

FIG. 10B

| INTER-HUE AREA	EFFECTIVE SECOND COMPARISON-RESULT DATA
RED-YELLOW	h2ry
YELLOW-GREEN	h2gy
GREEN-CYAN	h2gc
CYAN-BLUE	h2bc
BLUE-MAGENTA	h2bm
MAGENTA-RED	h2rm

FIG. 11
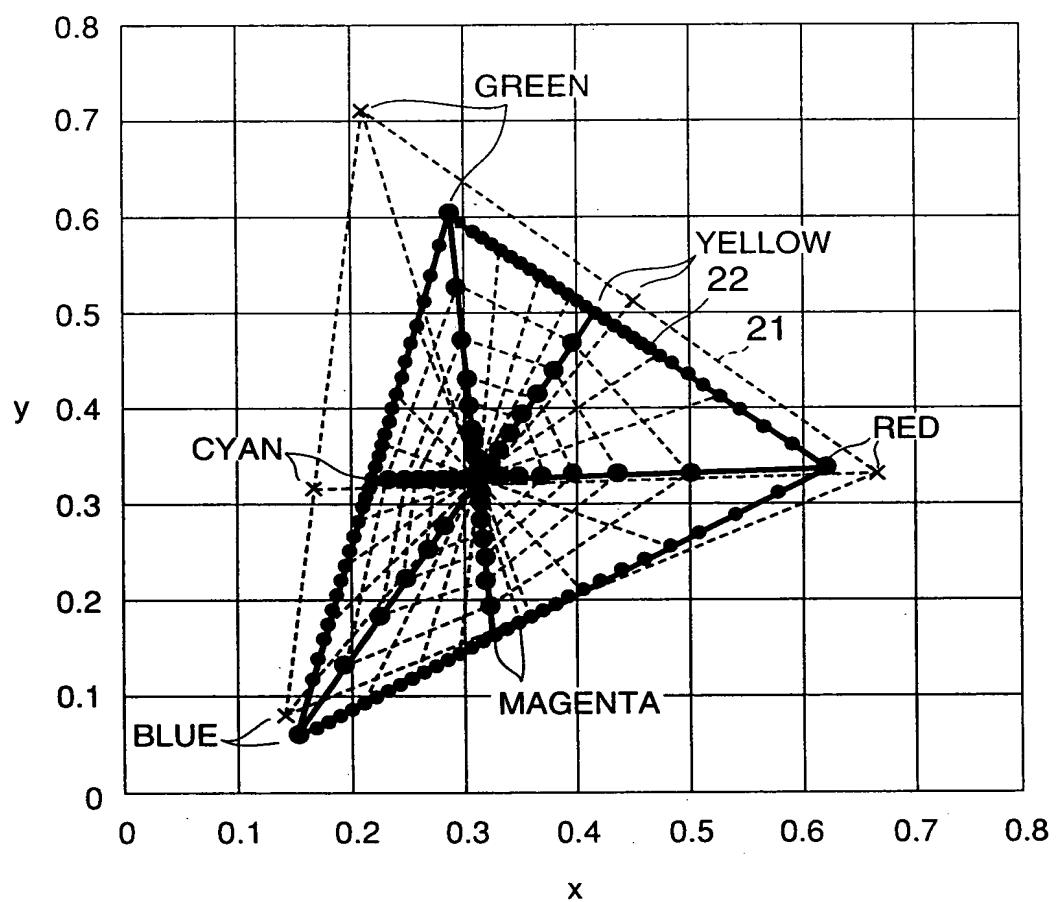
FIG. 12
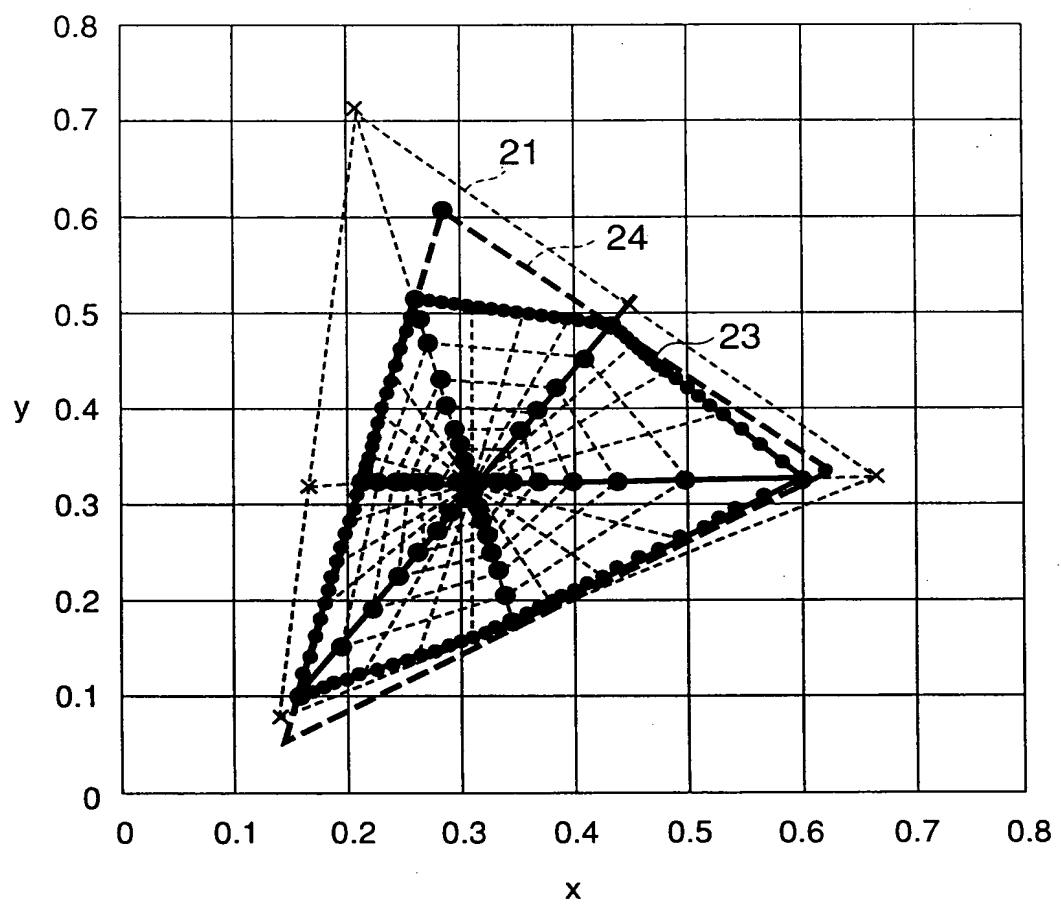
# FIG. 13
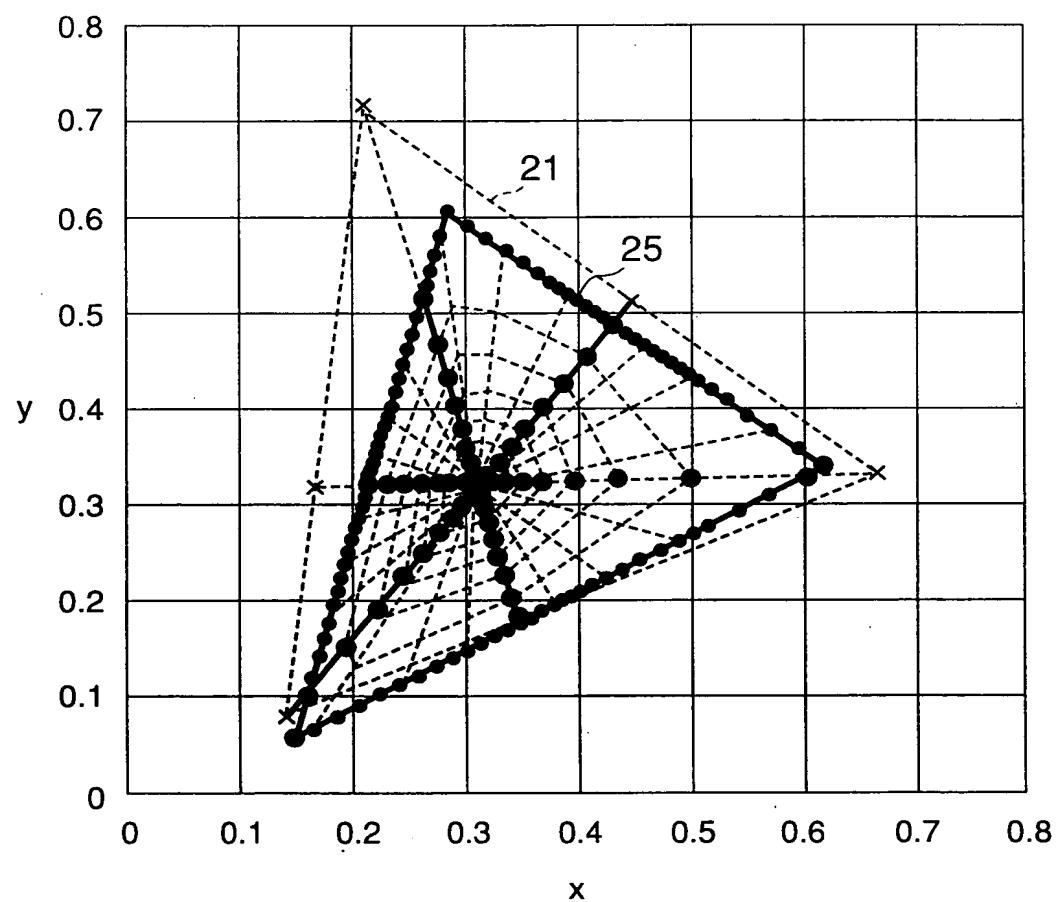
FIG. 14
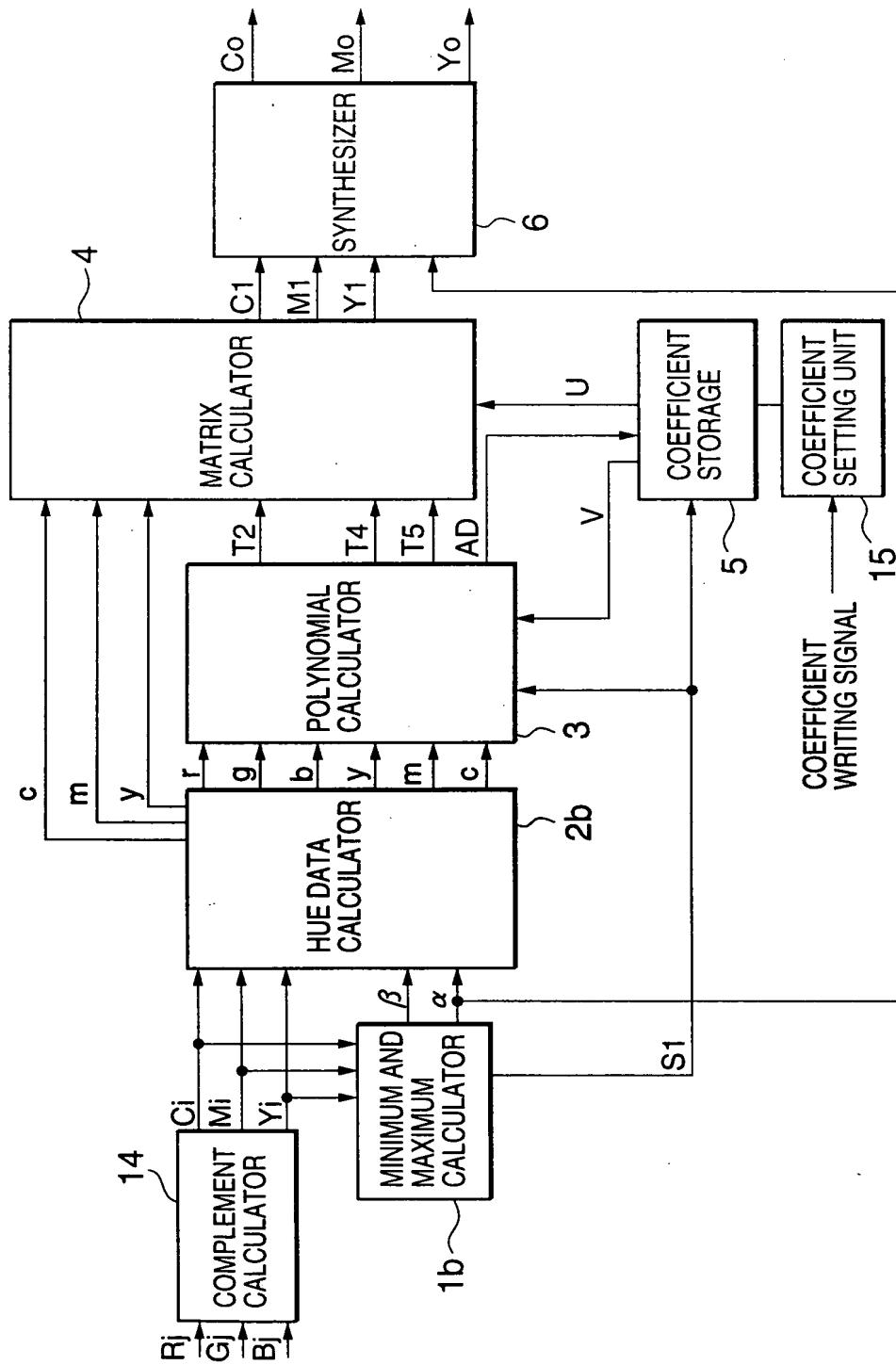
FIG. 15
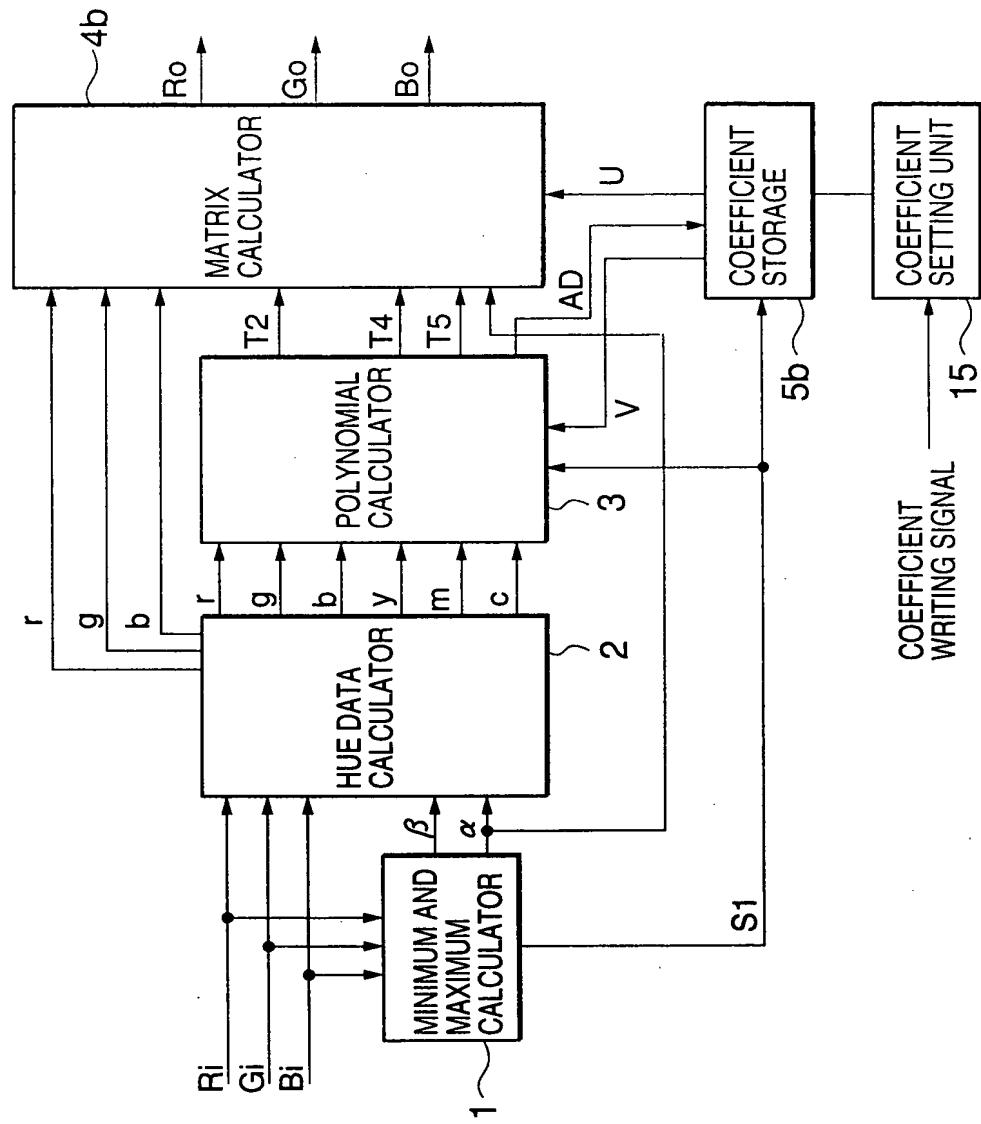
FIG. 16
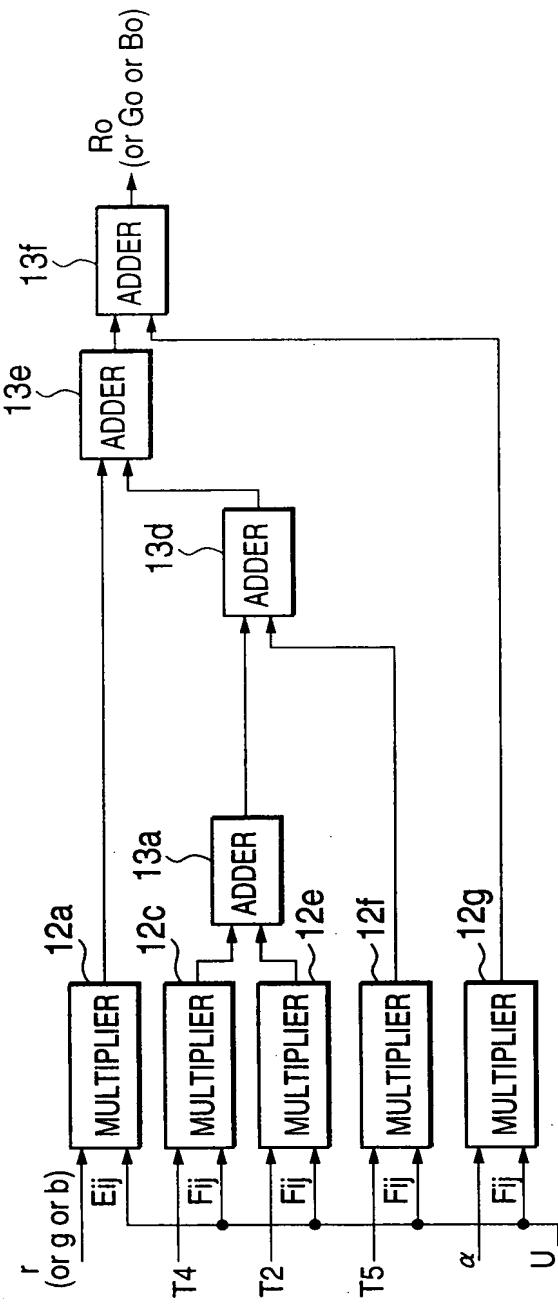
FIG. 17
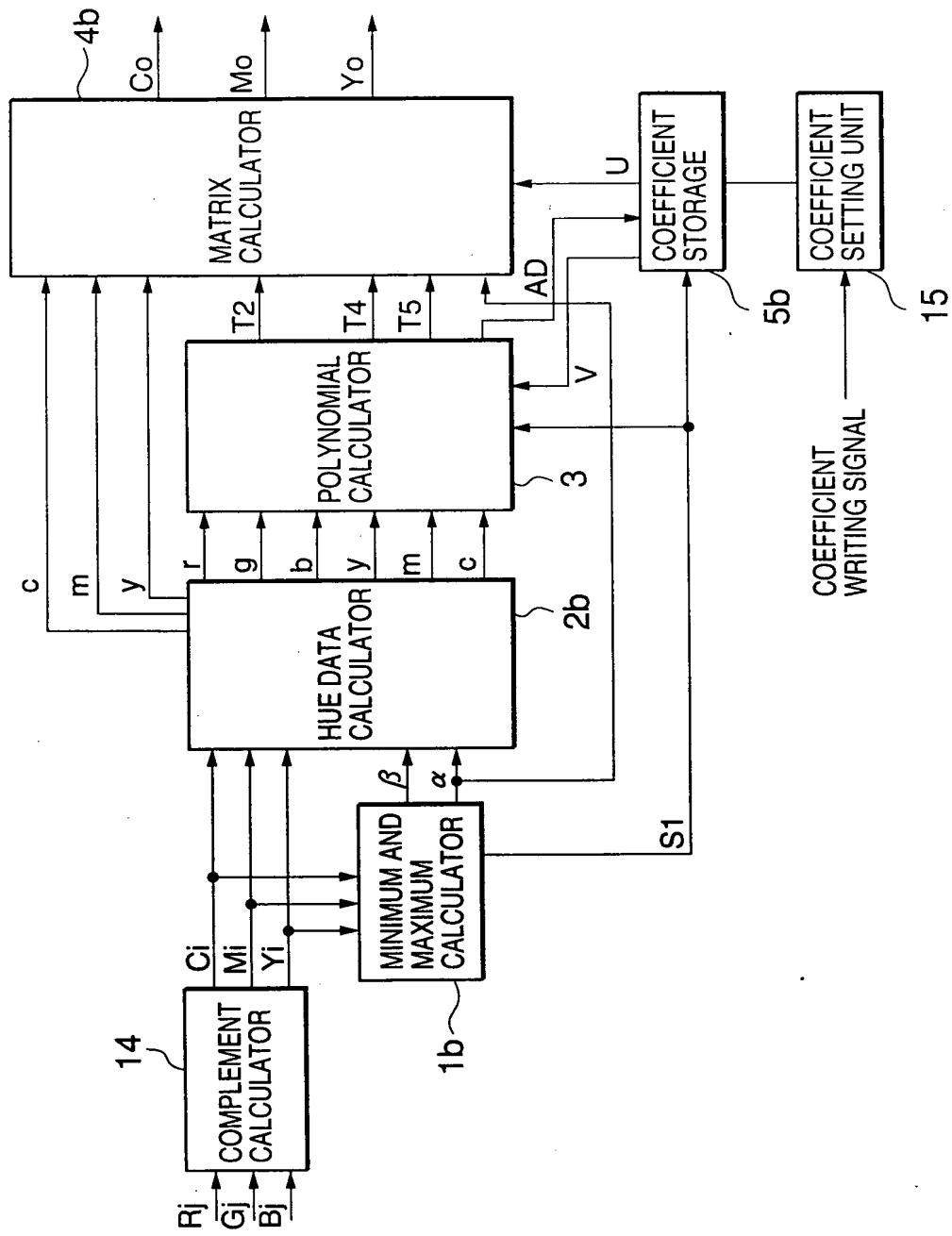
FIG. 18
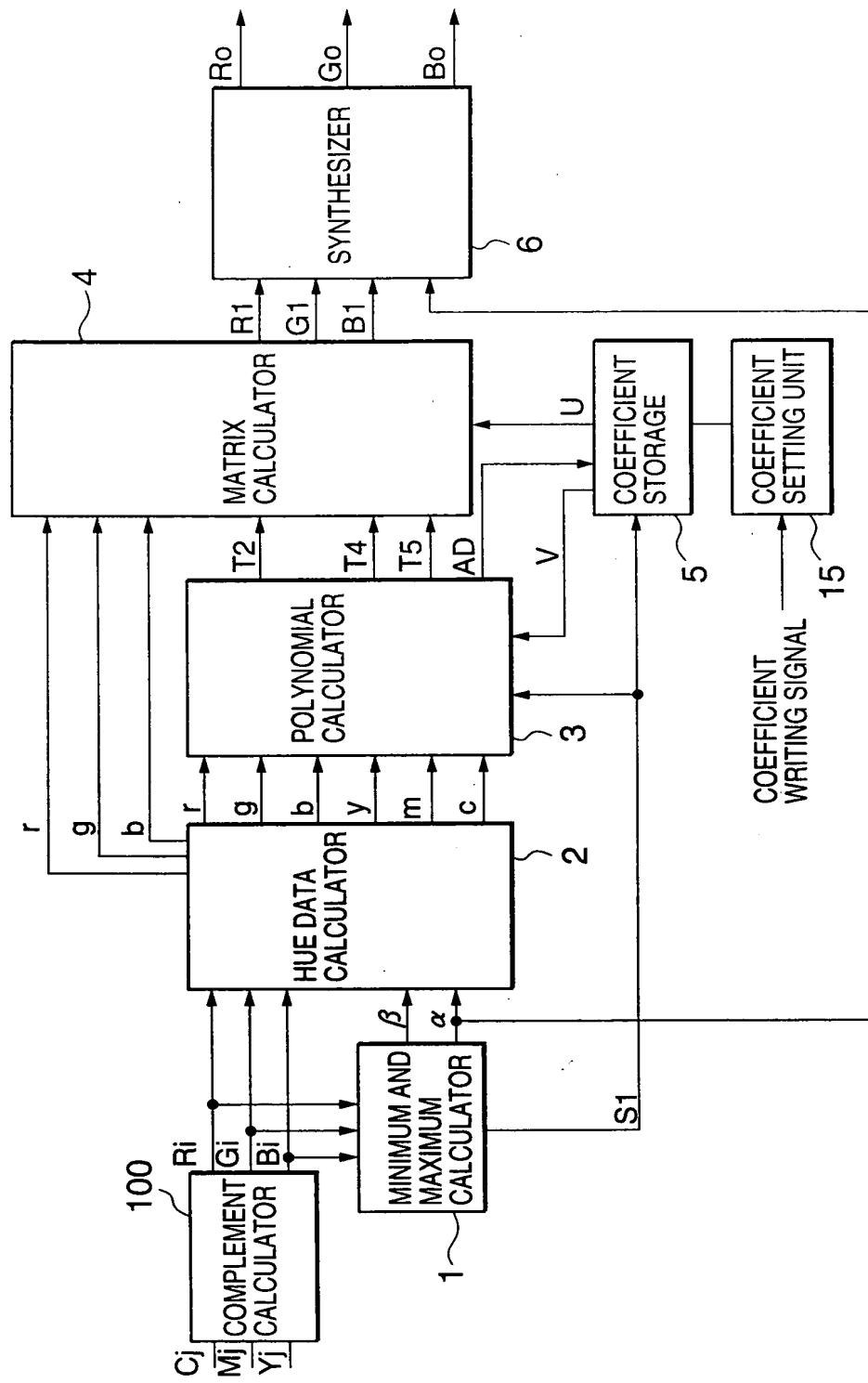
FIG. 19
PRIOR ART
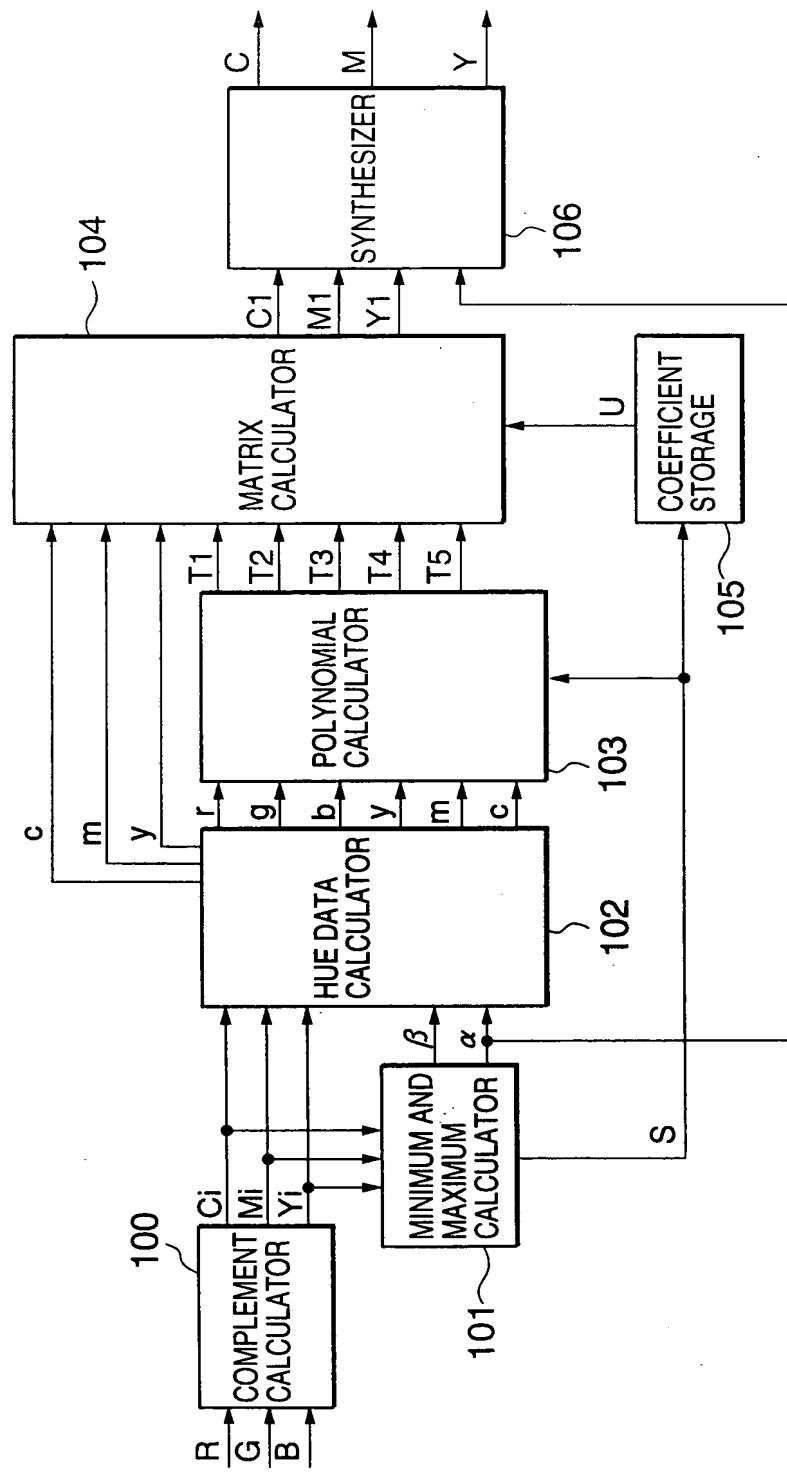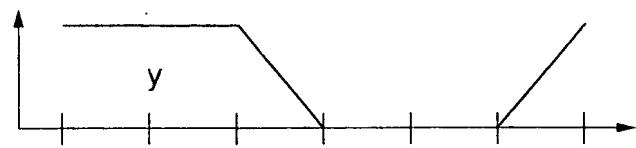
FIG. 20A
PRIOR ART

FIG. 20B
PRIOR ART
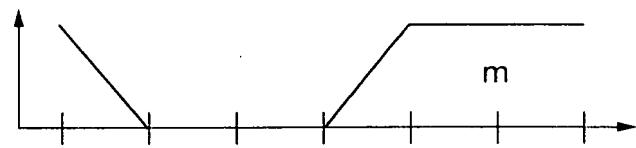
FIG. 20C
PRIOR ART
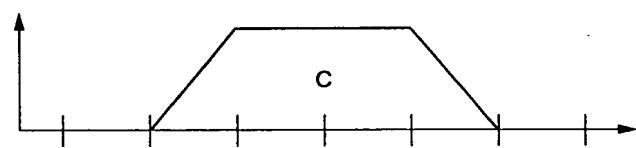
FIG. 20D
PRIOR ART
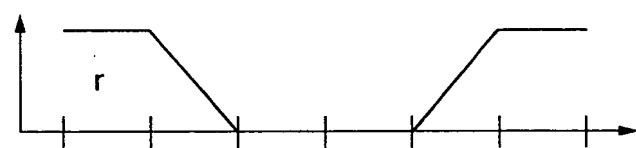
FIG. 20E
PRIOR ART

FIG. 20F
PRIOR ART

RED   GREEN   BLUE   RED
   YELLOW   CYAN   MAGENTA

FIG. 21A
PRIOR ART

y*m

FIG. 21B
PRIOR ART

r*g

FIG. 21C
PRIOR ART

c*y

FIG. 21D
PRIOR ART

g*b

FIG. 21E
PRIOR ART

m*c

FIG. 21F
PRIOR ART

b*r

RED   GREEN   BLUE   RED
YELLOW   CYAN   MAGENTA